# PATENT COOPERATION TREATY

# **PCT**

# **INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PE-0720	FOR FURTHER see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal of International Search Rep (Form PCT/ISA/220) as well as, where applicable, item 5 to 100 km see Notification of Transmittal Office Notific									
International application No.	International filing date (da	ay/month/year)	(Earliest) Priority D	ate (day/month/year)						
PCT/BR 03/00199	19/12/2003		14/01/2003							
Applicant										
COMPANHIA BRASILEIRA DE MI	ETALURGIA E MINER	ACAO								
This International Search Report has been according to Article 18. A copy is being tra			ority and is transmitte	d to the applicant						
This International Search Report consists of a total of $04$ sheets.  It is also accompanied by a copy of each prior art document cited in this report.										
Basis of the report										
a. With regard to the language, the language in which it was filed, unl			s of the international	application in the						
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of	of a translation of th	e international applic	ation furnished to this						
b. With regard to any <b>nucleotide an</b> was carried out on the basis of the	e sequence listing:		ernational application	, the international search						
contained in the international application in written form.  filed together with the international application in computer readable form.										
furnished subsequently to this Authority in written form.										
furnished subsequently to this Authority in computer readble form.										
	osequently furnished written as filed has been furnished.	sequence listing do	es not go beyond the	disclosure in the						
the statement that the info furnished	the statement that the information recorded in computer readable form is identical to the written sequence listing has been									
2. Certain claims were fou	nd unsearchable (See Box	I).								
3. Unity of invention is lac	3. Unity of invention is lacking (see Box II).									
4. With regard to the title,										
X the text is approved as su	ubmitted by the applicant.									
the text has been establis	shed by this Authority to read	i as follows:								
5. With regard to the abstract,				,						
X the text is approved as su	ubmitted by the applicant									
the text has been establis	shed, according to Rule 38.2 e date of mailing of this inter									
6. The figure of the <b>drawings</b> to be pub	lished with the abstract is Fi	gure No.								
as suggested by the appl	icant.		X	None of the figures.						
because the applicant fail	led to suggest a figure.									
because this figure better	characterizes the invention									

#### INTERNATIONAL SEARCH REPORT

International Application No PCT/BR 03/00199

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C03C4/00 C03C C03C3/078 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 C03C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° Υ DE 43 09 701 C (SCHOTT GLASWERKE) 1,2 30 June 1994 (1994-06-30) page 2, line 1-6 page 3, line 24-26; claim 1 US 6 333 288 B1 (WOLFF SILKE ET AL) 1,2 Υ 25 December 2001 (2001-12-25) column 3, line 7-19; claims 1-10 WO 92 19559 A (VYSOKA SKOLA CHEM TECH) Α 1,2 12 November 1992 (1992-11-12) page 1, line 1-11; claims 1-3; examples Further documents are listed in the continuation of box C. Patent family members are listed in annex Χ Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but later than the priority date claimed \*&\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 23/02/2004 16 February 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Maurer, R Fax: (+31-70) 340-3016

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## INTERNATIONAL SEARCH REPORT

International Application No
PCT/BR 03/00199

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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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A	WO 00 09456 A (CORNING INC ;HARES GEORGE B (US); KOHLI JEFFREY T (US); WEBB JAMES) 24 February 2000 (2000-02-24) page 4, line 22 -page 5, line 26; claims 1-12	1,2
A	US 6 184 166 B1 (HARES GEORGE B ET AL) 6 February 2001 (2001-02-06) column 3, line 13 -column 4, line 25; claims 1-12	1,2
A .	EP 0 594 422 A (TOYO GLASS CO LTD) 27 April 1994 (1994-04-27) page 2, line 43 -page 3, line 56; claims 1-4; table 1	1,2

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